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DEC 0 7 2004

No. 0254 P. 1

CERTIFICATE OF Applicant(s): Eric W. M	Docket No. 500451-1005							
Application No. 10/750,015	Filing Date 12/31/03	Examiner Alan D. Diamond	Group Art Unit 1753					
Invention: APPARATUS AND METHOD FOR PHOTOVOLTAIC ENERGY PRODUCTION BASED ON INTERNAL CHARGE EMISSION IN A SOLID-STATE HETEROSTRUCTURE								
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No. 0254 P. 2

DEC 0 7 2004

	Docket No. 500451-1005							
In Re Application Of: Eric W. McFarland								
Application No. 10/750,015	Filing Date 12/31/03	Examiner Alan D. Diamond	Customer No. 38406	Group Art Unit 1753	Confirmation No. 9328			
Tille: APPARATUS AND METHOD FOR PHOTOVOLTAIC ENERGY PRODUCTION BASED ON INTERNAL CHARGE EMISSION IN A SOLID-STATE HETEROSTRUCTURE								
COMMISSIONER FOR PATENTS:								
Transmitted herewi					•			
in the above identified application.  No additional fee is required.  A check in the amount of is attached.  The Director is hereby authorized to charge and credit Deposit Account No. 50-0856 as described below.  Charge the amount of Credit any overpayment.  Charge any additional fee required.  Payment by credit card. Form PTO-2038 is attached.  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  Michael A. O'Neil  Michael A. O'Neil  Michael A. O'Neil, P.C.  5949 Sherry Lane, Suite 820  Dallas, TX 75225  Thereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450' [37 CFR 1.8(a)] on (Date)  Signature of Person Mailing Correspondence								
CC: client			Typed or Printed	Name of Person Mai	ling Correspondence			

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500451-1005 PATENT

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:

Eric W. McFarland

Serial No.:

10/750,015

Filing Date:

December 31, 2003

Group No.:

1753

Examiner:

Alan D. Diamond

For:

APPARATUS AND METHOD FOR PHOTOVOLTAIC ENERGY PRODUCTION BASED ON INTERNAL CHARGE EMISSION IN A

SOLID-STATE HETEROSTRUCTURE

Mail Stop: Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

### AMENDMENT AFTER FINAL

Responsive to the Final Office Action mailed December 2, 2004, in the above-captioned application, kindly amend the application as follows:

Cancel claims 97, 98, 99, 100, 101, 102, 105, 107, 109, 110, and 127.